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R Barzilay, L Lee - Proceedings of HLT-NAACL 2004, 2004 - acl.ldc.upenn.edu
... For concreteness, in what follows we will refer to "sentences" rather than "**text** spans" since that
is what ... state ¡ to **model** digressions or unseen topics, we take the novel step of forcing its **language**
model to be ... Note that the contents of the "etcetera" **cluster** are ignored at this stage ...
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Offline recognition of unconstrained handwritten texts using HMMs and statistical language models

psu.edu [PDF]

A Vinciarelli, S Bengio, H Bunke - IEEE Transactions on Pattern ..., 2004 - computer.org
... were made to replace the words w_i with corresponding classes $C(w\_i)$ obtained through
word **clustering**. ... the words, the system does not give a perfect transcription of the **text**, but allows
the ... the first state of the first letter of the next word, then the **language model** term must ...
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[PDF] Inferring linguistic structure in spoken language

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M Woszczyna, A Waibel - ... International Conference on Spoken **Language** ..., 1994 - Citeseer
... 2. THE SPONTANEOUS SCHEDULING TASK All experiments have been performed on
transcribed **text** taken from ... Unlike in **cluster** algorithms traditionally used for langugage **modeling**,
each word can be in several 40 ... Using State-Dependent Monograms as **Language Model** (2 ...
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Topic segmentation with an aspect hidden Markov model

psu.edu [PDF]

DM Blei, PJ Moreno - Proceedings of the 24th annual international ..., 2001 - portal.acm.org
... A unigram **language model** is computed for each of these clusters and an appro- priate smoothing
technique is ... Note that this **model** requires a segmented corpus to train, but works in an
unsupervised ... To segment a new document, the stream of **text** is divided into a sequence of ...
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berkeley.edu [PDF]

H Bourlard, CJ Wellekens - IEEE Transactions on Pattern Analysis ..., 1990 - computer.org
... maximization of P(XI W,, X) implies that of its bilinear map (3). A **language model** provides the
value ... are avoided when using discriminant **models**: namely, the lack of balance between the

transition probability values (9) which only depend on the topology of the **model** and the ...

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J Makhoul, F Kubala, T Leek, D Liu, L Nguyen, R ... - Proc. IEEE, 2000 - vc.cs.nihu.edu.tw
... We are required to find all three sets of names but classify all others as general
language (GL). Fig. 7 shows the hidden Markov **language model** used by
IdentiFinder to **model** the **text** for each type of named entity. ...
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P Fung, G Ngai, CS Cheung - ... of the ACL 2003 workshop on ..., 2003 - portal.acm.org
... Human **Language** Technology Center, Dept. ... We propose Hidden Markov **models** with
unsupervised training for extractive sum- marization. ... **Text** cohesion is modeled by the **transition**
probabilities of an HMM, and term distribution is modeled by the **emission probabilities**. ...
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[PDF] The RWTH large vocabulary continuous speech recognition system   tuc.gr [PDF]

H Ney, L Welling, S Ortmanns, K ... - IEEE ..., 1998 - kefallonia.telecom.tuc.gr
... Then the states are **clustered** together using a bottom-up-strategy until the desired num- ber of
states is reached. ... [2] K. Beulen, E. Bransch, H. Ney, "State Tying for Con- **text** Dependent Phoneme
Models ... [8] H. Ney, S. Martin, F. Wessel, "Statistical **Language Model**- ing Using ...
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[CITATION] Connectionist **probability** estimators in HMM speech recognition   psu.edu [PDF]

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[PDF] Inducing the morphological lexicon of a natural **language** from unannotated **text**   psu.edu [PDF]
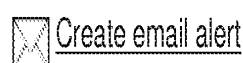
M Creutz, K Lagus - Proceedings of the International and Interdisciplinary ..., 2005 - Citeseer
... As the set of stems is very large in a **language**, stems are not likely to be very ... From this point on,
the full Categories-MAP **model** is used as it has been formulated mathematically above. ... Since
there are **transition probabilities**, changes affect the con- **text** in which a morph occurs. ...
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